

Title (en)
COOLING SYSTEM FOR USE WITH A POWER ELECTRONICS ASSEMBLY AND METHOD OF MANUFACTURING THEREOF

Title (de)
KÜHLSYSTEM ZUR VERWENDUNG MIT EINER LEISTUNGSELEKTRONIKANORDNUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
SYSTÈME DE REFRROIDISSEMENT DESTINÉ À ÊTRE UTILISÉ AVEC UN ENSEMBLE D'ÉLECTRONIQUE DE PUISSANCE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3003001 B1 20201104 (EN)

Application
EP 15186925 A 20150925

Priority
US 201414501683 A 20140930

Abstract (en)
[origin: EP3003001A2] A cooling system (206) for use with a power electronics assembly (200) comprising an array (202) of line-replaceable units (204) is provided. The cooling system (206) includes a first manifold (210) coupled in flow communication with the array (202) of line-replaceable units (204), and a fluid supply (208) coupled in flow communication with the first manifold (210). The fluid supply (208) is configured to channel cooling fluid towards the first manifold (210) such that the cooling fluid (208) is discharged towards the line-replaceable units (204) in the array (202) substantially simultaneously.

IPC 8 full level
B23P 15/26 (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP US)
B23P 15/26 (2013.01 - US); **H05K 7/20681** (2013.01 - EP US)

Citation (examination)
US 2007209782 A1 20070913 - WYATT WILLIAM G [US], et al

Cited by
CN114096121A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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BR 102015021691 B1 20230314; CA 2898306 A1 20160330; CA 2898306 C 20180904; CN 105472943 A 20160406; CN 105472943 B 20190618;
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